

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	61	(US-20050042139-\$ or US-20040259265-\$ or US-20040129057-\$ or US-20040060346-\$ or US-20050226778-\$ or US-20050095722-\$ or US-20040226884-\$ or US-20040137637-\$ or US-20040043479-\$ or US-20040139784-\$ or US-20030226604-\$).did. or (US-7000452-\$ or US-6837118-\$ or US-6792794-\$ or US-6914220-\$ or US-6837096-\$ or US-6838640-\$ or US-6649129-\$ or US-6732567-\$ or US-6666907-\$ or US-6610977-\$ or US-6527835-\$ or US-6497844-\$ or US-6393894-\$ or US-6386014-\$ or US-6497138-\$ or US-6311544-\$ or US-6217829-\$ or US-6131440-\$ or US-6068684-\$ or US-5970803-\$ or US-6155097-\$ or US-5585575-\$ or US-5552042-\$ or US-5808178-\$ or US-5551278-\$ or US-5630943-\$).did. or (US-5544276-\$ or US-5313061-\$ or US-5310681-\$ or US-5300758-\$ or US-5435169-\$ or US-5268303-\$ or US-5268302-\$ or US-5205154-\$ or US-5196039-\$ or US-5092218-\$ or US-4923486-\$ or US-4805441-\$ or US-4778764-\$ or US-3925022-\$ or US-5168746-\$ or US-3589171-\$ or US-4472355-\$).did. or (US-3429105-\$ or US-3146616-\$). did. or (WO-2004053477-\$ or WO-2004038400-\$ or WO-2004029602-\$).did. or (JP-04093648-\$ or JP-01203970-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/17 07:04
L2	12	1 and (high great increased elevated) adj pressure and (heater heating heater) adj element)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/17 07:58
L3	4	("6497138").URPN.	USPAT	OR	ON	2006/04/17 07:50
L4	10	("3557532").URPN.	USPAT	OR	ON	2006/04/17 07:51
L5	1	("3557532").DID.	USPAT	OR	ON	2006/04/17 07:51
L6	1	("3416616").DID.	USPAT	OR	ON	2006/04/17 07:52
L7	1	("3146616").DID.	USPAT	OR	ON	2006/04/17 07:52

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L8	1	("5268302").DID.	USPAT	OR	ON	2006/04/17 07:55
L9	2	US-5135549-\$.DID. OR US-6169965-\$.DID.	USPAT	OR	ON	2006/04/17 07:56
L10	25	US-3146616-\$.DID. OR US-3557532-\$.DID. OR US-3783356-\$.DID. OR US-4043196-\$.DID. OR US-4228815-\$.DID. OR US-4478076-\$.DID. OR US-4483200-\$.DID. OR US-4507974-\$.DID. OR US-4576050-\$.DID. OR US-4735082-\$.DID. OR US-4759210-\$.DID. OR US-4909078-\$.DID. OR US-4944035-\$.DID. OR US-5031126-\$.DID. OR US-5044766-\$.DID. OR US-5056047-\$.DID. OR US-5146414-\$.DID. OR US-5243858-\$.DID. OR US-5263380-\$.DID. OR US-5268302-\$.DID. OR US-5379630-\$.DID. OR US-5463899-\$.DID. OR US-5533412-\$.DID. OR US-5587520-\$.DID. OR US-5922974-\$.DID.	USPAT	OR	ON	2006/04/17 07:57
L11	7	US-6016027-\$.DID. OR US-6139384-\$.DID. OR US-6178811-\$.DID. OR US-6194833-\$.DID. OR US-6308553-\$.DID. OR US-6393894-\$.DID. OR US-6494617-\$.DID.	USPAT	OR	ON	2006/04/17 07:57

EAST Search History

L12	64	(US-20050042139-\$ or US-20040259265-\$ or US-20040129057-\$ or US-20040060346-\$ or US-20050226778-\$ or US-20050095722-\$ or US-20040226884-\$ or US-20040137637-\$ or US-20040043479-\$ or US-20040139784-\$ or US-20030226604-\$).did. or (US-7000452-\$ or US-6837118-\$ or US-6792794-\$ or US-6914220-\$ or US-6837096-\$ or US-6838640-\$ or US-6649129-\$ or US-6732567-\$ or US-6666907-\$ or US-6610977-\$ or US-6527835-\$ or US-6497844-\$ or US-6393894-\$ or US-6386014-\$ or US-6497138-\$ or US-6311544-\$ or US-6217829-\$ or US-6131440-\$ or US-6068684-\$ or US-5970803-\$ or US-6155097-\$ or US-5585575-\$ or US-5552042-\$ or US-5808178-\$ or US-5551278-\$ or US-5630943-\$).did. or (US-5544276-\$ or US-5313061-\$ or US-5310681-\$ or US-5300758-\$ or US-5435169-\$ or US-5268303-\$ or US-5268302-\$ or US-5205154-\$ or US-5196039-\$ or US-5092218-\$ or US-4923486-\$ or US-4805441-\$ or US-4778764-\$ or US-3925022-\$ or US-5168746-\$ or US-3589171-\$ or US-4472355-\$ or US-6923907-\$ or US-3557532-\$ or US-3146616-\$).did. or (US-3429105-\$ or US-3146616-\$). did. or (WO-2004053477-\$ or WO-2004038400-\$ or WO-2004029602-\$).did. or (JP-04093648-\$ or JP-01203970-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/17 07:58
L13	2	(9 10 11) and (high great increased elevated) adj pressure and (heater (heating heater) adj element)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/17 08:13
L14	3	(9 10 11) and (high great increased elevated) adj pressure	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/17 08:17
L15	55	12 not (9 10 11)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/17 08:17

EAST Search History

L16	24	((("73").CLAS.) and (gas fluid) with (detection analysis analyzer) and (first and second) with (channel pathway path tunnel passage route tube accessway) same (heater heat\$3 near3 element) and (high great greater increased elevated) near3 pressure	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/17 08:40
L17	358	(gas fluid) with (detection analysis analyzer) and (first and second) with (channel pathway path tunnel passage route tube accessway) same (heater heat\$3 near3 element) and (high great greater increased elevated) near3 pressure not 16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/17 08:40
L18	221	17 and chromatography	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/17 08:44
L19	137	17 not 18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/17 08:42
L20	36	17 and chromatography not hydrocarbon same formation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/17 08:44
S1	24	(US-6610977-\$ or US-6666907-\$ or US-6527835-\$ or US-5168746-\$ or US-3589171-\$ or US-4805441-\$ or US-4778764-\$ or US-3925022-\$ or US-6649129-\$ or US-5808178-\$ or US-5970803-\$ or US-5551278-\$ or US-5435169-\$ or US-5585575-\$ or US-5310681-\$ or US-5300758-\$ or US-6497844-\$ or US-4472355-\$ or US-5313061-\$ or US-6393894-\$ or US-5268302-\$).did. or (US-20040137637-\$ or US-20040129057-\$ or US-20040060346-\$).did.	US-PGPUB; USPAT	OR	OFF	2004/09/07 07:58
S2	8	S1 and flow adj (control meter)	US-PGPUB; USPAT	OR	OFF	2004/09/07 07:59

EAST Search History

S3	26	("3146616" "3557532" "3783356" "4043196" "4228815" "4478076" "4483200" "4507974" "4576050" "4735082" "4759210" "4909078" "4944035" "5031126" "5044766" "5056047" "5146414" "5243858" "5263380" "5268302" "5379630" "5463899" "5533412" "5587520" "5922974" "5985673").PN.	USPAT	OR	ON	2004/09/07 08:55
S4	64	(73/23.2).CCLS.	USOCR; EPO; DERWENT	OR	OFF	2004/09/07 09:36
S5	5	US-4324566-\$.DID. OR US-5196039-\$.DID. OR US-5442175-\$.DID. OR US-6131440-\$.DID. OR US-6413781-\$.DID.	USPAT	OR	ON	2005/11/09 13:40
S6	2	US-6393894-\$.DID. OR US-4944035-\$.DID.	USPAT	OR	ON	2004/07/28 11:52
S7	12	Bonne.in. and analyzer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/25 09:37
S8	26	("3146616" "3557532" "3783356" "4043196" "4228815" "4478076" "4483200" "4507974" "4576050" "4735082" "4759210" "4909078" "4944035" "5031126" "5044766" "5056047" "5146414" "5243858" "5263380" "5268302" "5379630" "5463899" "5533412" "5587520" "5922974" "5985673").PN.	USPAT	OR	ON	2005/11/25 14:53
S9	563	(("73").CLAS.) and (gas fluid) with (detection analysis analyzer) same (micro chip semiconductor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 11:08
S10	33	(("73").CLAS.) and (gas fluid) with (detection analysis analyzer) same (micro chip semiconductor) and MEMS	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 13:47

EAST Search History

S11	5	(("73").CLAS.) and (gas fluid) with (detection analysis analyzer) same (micro chip semiconductor) and (concentrator and separator)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/25 10:08
S12	45	(("73").CLAS.) and (gas fluid) with (detection analysis analyzer) same (micro chip semiconductor) and (concentrator separator)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/25 14:13
S13	0	(("73").CLAS.) and (laboratory-on-a-chip)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/25 14:13
S14	64	(("73").CLAS.) and (LOC)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/25 14:16
S15	20	(("73").CLAS.) and (laboratory near4 chip)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/25 14:20
S16	244	(("73").CLAS.) and (gas chromatography) and MEMS	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/25 14:20
S17	7	(("73").CLAS.) and (gas adj chromatography) and (preconcentrator concentrator) same separator	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/25 14:21
S18	26	("3146616" "3557532" "3783356" "4043196" "4228815" "4478076" "4483200" "4507974" "4576050" "4735082" "4759210" "4909078" "4944035" "5031126" "5044766" "5056047" "5146414" "5243858" "5263380" "5268302" "5379630" "5463899" "5533412" "5587520" "5922974" "5985673").PN.	USPAT	OR	ON	2004/08/25 14:25
S19	0	"6393894".URPN.	USPAT	OR	ON	2004/08/25 14:26

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S20	10	US-4759210-\$.DID. OR US-5591321-\$.DID. OR US-5898101-\$.DID. OR US-6041643-\$.DID. OR US-6393894-\$.DID. OR US-6494617-\$.DID. OR US-4944035-\$.DID. OR US-6393894-\$.DID. OR US-6494617-\$.DID. OR US-4402211-\$.DID. OR US-4502320-\$.DID. OR US-5268302-\$.DID.	USPAT	OR	ON	2004/08/25 15:19
S21	24	("3304159" "3403978" "3430482" "3518059" "3589171" "3701632" "3877875" "3925022" "3996009" "4054414" "4089207" "4159894" "4401763" "4467038" "4509855" "4534207" "4650499" "4701306" "4778764" "4795853" "4805441" "5019517" "5092155" "5092156").PN.	USPAT	OR	ON	2004/08/25 15:14
S22	1192	(73/23.2).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/07 09:36

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S23	37	US-4324566-\$.DID. OR US-5196039-\$.DID. OR US-5442175-\$.DID. OR US-6131440-\$.DID. OR US-6413781-\$.DID. OR US-3146616-\$.DID. OR US-3557532-\$.DID. OR US-3783356-\$.DID. OR US-4043196-\$.DID. OR US-4228815-\$.DID. OR US-4478076-\$.DID. OR US-4483200-\$.DID. OR US-4507974-\$.DID. OR US-4576050-\$.DID. OR US-4735082-\$.DID. OR US-4759210-\$.DID. OR US-4909078-\$.DID. OR US-4944035-\$.DID. OR US-5031126-\$.DID. OR US-5044766-\$.DID. OR US-5056047-\$.DID. OR US-5146414-\$.DID. OR US-5243858-\$.DID. OR US-5263380-\$.DID. OR US-5268302-\$.DID. OR US-5379630-\$.DID. OR US-5463899-\$.DID. OR US-5533412-\$.DID. OR US-5587520-\$.DID. OR US-5922974-\$.DID. OR US-6016027-\$.DID. OR US-6139384-\$.DID. OR US-6178811-\$.DID. OR US-6194833-\$.DID. OR US-6308553-\$.DID. OR US-6393894-\$.DID. OR US-6494617-\$.DID.	USPAT	OR	ON	2004/08/26 09:50
S24	167719	("73").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/09 13:46
S25	537	(422/89).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/08/26 09:51

EAST Search History

S26	108	((US-4324566-\$.DID. OR US-5196039-\$.DID. OR US-5442175-\$.DID. OR US-6131440-\$.DID. OR US-6413781-\$.DID. OR US-3146616-\$.DID. OR US-3557532-\$.DID. OR US-3783356-\$.DID. OR US-4043196-\$.DID. OR US-4228815-\$.DID. OR US-4478076-\$.DID. OR US-4483200-\$.DID. OR US-4507974-\$.DID. OR US-4576050-\$.DID. OR US-4735082-\$.DID. OR US-4759210-\$.DID. OR US-4909078-\$.DID. OR US-4944035-\$.DID. OR US-5031126-\$.DID. OR US-5044766-\$.DID. OR US-5056047-\$.DID. OR US-5146414-\$.DID. OR US-5243858-\$.DID. OR US-5263380-\$.DID. OR US-5268302-\$.DID. OR US-5379630-\$.DID. OR US-5463899-\$.DID. OR US-5533412-\$.DID. OR US-5587520-\$.DID. OR US-5922974-\$.DID. OR US-6016027-\$.DID. OR US-6139384-\$.DID. OR US-6178811-\$.DID. OR US-6194833-\$.DID. OR US-6308553-\$.DID. OR US-6393894-\$.DID. OR US-6494617-\$.DID.) ("73").CLAS.) ((422/89).CCLS.)) and (gas adj (chromatograph chromatography) GC) and (gas vapor) near3 (concentrator pre?concentrator collector)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/26 10:22
S27	43	(gas adj (chromatograph chromatography) GC) and (gas vapor) near3 (concentrator pre?concentrator collector) and (flow temperature pressure) near4 (sensor transducer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/26 10:39
S28	7	"4472355".URPN.	USPAT	OR	ON	2005/03/08 13:42
S29	2	("2312570" "4222997").PN.	USPAT	OR	ON	2004/08/26 14:45

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S30	64	((("73").CLAS.) and (LOC)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/25 14:13
S31	28	("3146616" "3557532" "3783356" "4043196" "4228815" "4478076" "4483200" "4507974" "4576050" "4735082" "4759210" "4909078" "4944035" "5031126" "5044766" "5056047" "5146414" "5243858" "5263380" "5268302" "5379630" "5463899" "5533412" "5587520" "5922974" "5985673").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/08 09:31
S32	2	("6393894").URPN.	USPAT	OR	ON	2005/03/08 10:31
S33	25	Bonne.in. and analyzer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 10:33
S34	7	((("73").CLAS.) and (gas fluid) with (detection analysis analyzer) same (micro chip semiconductor) and (concentrator and separator)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 10:36
S35	66	((("73").CLAS.) and (LOC)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 10:37
S36	20	"5196039".URPN.	USPAT	OR	ON	2005/03/08 13:43
S37	1	"5196039".PN.	USPAT	OR	ON	2005/03/08 13:47
S38	72	((("73").CLAS.) and (gas fluid) with (detection analysis analyzer) same (micro chip semiconductor) and (film with (heat heating))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 13:49
S39	8095	chromatography and (film with (heat heating))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 13:49
S40	92	chromatography and (continuous near4 film with (heat heating))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 13:49
S41	54	chromatography and (continuous adj film with (heat heating))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 13:50

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S42	7	gas adj chromatography and (continuous adj film with (heat heating))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 14:17
S43	20	("3122014" "3143404" "3182394" "3389538" "3514925" "3531919" "3808125" "4038055" "4293415" "4483773" "4509964" "4966785" "5114439").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/08 13:51
S44	0	gas adj chromatography and (continuous adj film with (heater))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 14:17
S45	0	chromatography and (continuous adj film with (heater))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 14:18
S46	0	fluid adj analyzer and (continuous adj film with (heater))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 14:18
S47	0	fluid adj analyzer and (continuous adj film with (heat\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 14:18
S48	72	chromatography and (continuous adj film with (heat\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 14:19
S49	0	chromatography and (continuous adj film with (heater))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 14:18
S50	39	chromatography and (continuous adj film with (heating))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 14:21
S51	0	concentrator same (continuous adj film with (heating))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 14:21
S52	0	concentrator same (continuous adj strip with (heating))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 14:21

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S53	0	chromatography and (continuous adj strip with (heating))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 14:21
S54	0	chromatography and (continuous adj foil with (heating))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 14:21
S55	0	chromatography and (continuous adj heating with element)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 14:21
S56	2	("6393894").URPN.	USPAT	OR	ON	2005/03/10 10:48
S57	112	(73/19.02).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/10 10:49
S58	718	(73/23.35).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/10 10:49
S59	536	(73/53.01).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/10 10:49
S60	39	(S57 S58 S59) and (film foil) with heat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/10 12:40
S61	0	S60 and (heat temperature thermal) near3 (pulse wave transient)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/10 12:41
S62	10	(S57 S58 S59) and (heat temperature thermal) near3 (pulse wave transient)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/10 12:41

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S63	42	(US-20040060346-\$ or US-20040129057-\$ or US-20040137637-\$).did. or (US-3589171-\$ or US-3925022-\$ or US-4472355-\$ or US-4778764-\$ or US-4805441-\$ or US-5168746-\$ or US-5196039-\$ or US-5268302-\$ or US-5300758-\$ or US-5310681-\$ or US-5313061-\$ or US-5435169-\$ or US-5551278-\$ or US-5552042-\$ or US-5585575-\$ or US-5808178-\$ or US-5970803-\$ or US-6393894-\$ or US-6497844-\$ or US-6527835-\$ or US-6610977-\$ or US-6649129-\$ or US-6666907-\$ or US-6792794-\$ or US-6837118-\$ or US-6837096-\$).did. or (US-6386014-\$ or US-6732567-\$ or US-6497138-\$ or US-6217829-\$ or US-6311544-\$ or US-6155097-\$ or US-6131440-\$ or US-5205154-\$).did. or (WO-2004029602-\$ or WO-2004038400-\$ or WO-2004053477-\$).did. or (JP-04093648-\$ or JP-01203970-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/10 13:06
S64	41	S63 and (detector sensor transducer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/10 13:06
S65	29	S63 and (sensor transducer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/10 13:13
S66	7	S63 and (sensor transducer) with thermal adj conductivity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/10 13:13

EAST Search History

S67	42	(US-20040060346-\$ or US-20040129057-\$ or US-20040137637-\$).did. or (US-3589171-\$ or US-3925022-\$ or US-4472355-\$ or US-4778764-\$ or US-4805441-\$ or US-5168746-\$ or US-5196039-\$ or US-5205154-\$ or US-5268302-\$ or US-5300758-\$ or US-5310681-\$ or US-5313061-\$ or US-5435169-\$ or US-5551278-\$ or US-5552042-\$ or US-5585575-\$ or US-5808178-\$ or US-5970803-\$ or US-6131440-\$ or US-6155097-\$ or US-6217829-\$ or US-6311544-\$ or US-6386014-\$ or US-6393894-\$ or US-6497138-\$ or US-6497844-\$).did. or (US-6527835-\$ or US-6610977-\$ or US-6649129-\$ or US-6666907-\$ or US-6732567-\$ or US-6792794-\$ or US-6837096-\$ or US-6837118-\$).did. or (WO-2004029602-\$ or WO-2004038400-\$ or WO-2004053477-\$).did. or (JP-01203970-\$ or JP-04093648-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/15 09:44
S68	137900	"3" and (flow thermal pressure) adj (sensor detector transducer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/15 09:46
S69	12	S67 and (flow thermal pressure) adj (sensor detector transducer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/15 09:46
S70	116	(73/23.25;23.24,863.12,25.01,31. 05).CCLS.	US-PGPUB	OR	OFF	2005/08/22 09:25
S71	0	S70 and (moving translating) and heat adj (pulse spike) and peak with temperature and fluid and pump and concentrator and heater with (film layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/22 09:27
S72	5	"672483".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/07 16:35

EAST Search History

S73	43	(US-20040060346-\$ or US-20040129057-\$ or US-20040137637-\$ or US-20050042139-\$).did. or (US-3589171-\$ or US-3925022-\$ or US-4472355-\$ or US-4778764-\$ or US-4805441-\$ or US-5168746-\$ or US-5196039-\$ or US-5205154-\$ or US-5268302-\$ or US-5300758-\$ or US-5310681-\$ or US-5313061-\$ or US-5435169-\$ or US-5551278-\$ or US-5552042-\$ or US-5585575-\$ or US-5808178-\$ or US-5970803-\$ or US-6131440-\$ or US-6155097-\$ or US-6217829-\$ or US-6311544-\$ or US-6386014-\$ or US-6393894-\$ or US-6497138-\$ or US-6497844-\$).did. or (US-6527835-\$ or US-6610977-\$ or US-6649129-\$ or US-6666907-\$ or US-6732567-\$ or US-6792794-\$ or US-6837096-\$ or US-6837118-\$).did. or (WO-2004029602-\$ or WO-2004038400-\$ or WO-2004053477-\$).did. or (JP-01203970-\$ or JP-04093648-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/08 15:00
S74	5	S73 and pre?concentrator and (channel tube passageways passages)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/08 15:01
S75	3	S73 and pre?concentrator same (channel tube passageways passages)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/08 15:03
S76	16	S73 and concentrator same (channel tube passageways passages)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/08 15:13
S77	12	S76 not S74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/08 15:03

EAST Search History

S78	0	S73 and concentrator same (channel tube passageways passages) same separator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/08 15:14
S79	0	concentrator same (channel tube passageways passages) same separator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/08 15:13
S80	9	S73 and concentrator same (channel tube passageways passages) same separator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/08 15:15
S81	369	concentrator same (channel tube passageways passages) same separator not S73	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/08 15:15
S82	68	concentrator same (channels passageways passages) same separator not S73	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/08 15:17
S83	15	concentrators same (channels passageways passages) same separator not S73	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/08 15:16
S84	9	S81 and (fluid gas) with (chromatograph chromatography)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/08 15:19
S85	13	S81 and ((fluid gas) with (chromatograph chromatography) mass adj spectrometer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/08 15:19
S86	2	"20030233862"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/09 12:30
S87	4	US-6838640-\$ DID: OR US-6651520-\$ DID: OR US-4718520-\$ DID: OR US-6840120-\$ DID:	USPAT	OR	ON	2005/11/09 13:40

EAST Search History

S88	325	(73/23.39).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/09 13:46
S89	388	(73/23.41).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/09 13:46
S90	335	(73/23.42).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/09 13:47
S91	20	(S88 S89 S90) and (concentrator pre?concentrator) same (channels stages passages paths tubes)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/09 15:01
S92	26	("4881410" "4966037" "5025346" "5377524" "5544276" "5583281" "5792943" "5796152" "5955932" "5989445" "5992769" "6068684" "6068780" "6091050" "6096656" "6109113" "6134944" "6184504" "6193501" "6270641" "6288371" "6386014" "6527835" "6527890" "6537437" "6612153").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/09 14:57
S93	0	(S92) and (concentrator pre?concentrator) same (channels stages passages paths tubes)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/09 15:01
S95	210	fitzgerald.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/10 11:02
S96	148	solid near2 phase near2 extraction and (capillary tube) with (plural plurality multiple parallel) and chromatograph\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/10 11:07

EAST Search History

S97	47	(US-20040060346-\$ or US-20040129057-\$ or US-20040137637-\$ or US-20050042139-\$ or US-20040226884-\$).did. or (US-3589171-\$ or US-3925022-\$ or US-4472355-\$ or US-4778764-\$ or US-4805441-\$ or US-5092218-\$ or US-5168746-\$ or US-5196039-\$ or US-5205154-\$ or US-5268302-\$ or US-5300758-\$ or US-5310681-\$ or US-5313061-\$ or US-5435169-\$ or US-5551278-\$ or US-5552042-\$ or US-5585575-\$ or US-5808178-\$ or US-5970803-\$ or US-6068684-\$ or US-6131440-\$ or US-6155097-\$ or US-6217829-\$ or US-6311544-\$ or US-6386014-\$ or US-6393894-\$).did. or (US-6497138-\$ or US-6497844-\$ or US-6527835-\$ or US-6610977-\$ or US-6649129-\$ or US-6666907-\$ or US-6732567-\$ or US-6792794-\$ or US-6837096-\$ or US-6837118-\$ or US-6838640-\$).did. or (WO-2004029602-\$ or WO-2004038400-\$ or WO-2004053477-\$).did. or (JP-01203970-\$ or JP-04093648-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/10 13:09
S98	31	S97 and pump	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/10 13:22
S99	16	S97 not S98	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/10 13:27
S100	1920	(73/23.35-23.42).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/10 13:28
S101	14	S100 and pump near3 ((first and second) multiple plurality)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/10 13:48

EAST Search History

S10 2	236	gas adj (chromatograph chromatography) and pump near3 ((first and second) multiple plurality) not (S97 S101)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/25 13:45
S10 3	48	(US-20040060346-\$ or US-20040129057-\$ or US-20040137637-\$ or US-20040226884-\$ or US-20050042139-\$).did. or (US-3589171-\$ or US-3925022-\$ or US-4472355-\$ or US-4778764-\$ or US-4805441-\$ or US-5092218-\$ or US-5168746-\$ or US-5196039-\$ or US-5205154-\$ or US-5268302-\$ or US-5300758-\$ or US-5310681-\$ or US-5313061-\$ or US-5435169-\$ or US-5551278-\$ or US-5552042-\$ or US-5585575-\$ or US-5808178-\$ or US-5970803-\$ or US-6068684-\$ or US-6131440-\$ or US-6155097-\$ or US-6217829-\$ or US-6311544-\$ or US-6386014-\$ or US-6393894-\$).did. or (US-6497138-\$ or US-6497844-\$ or US-6527835-\$ or US-6610977-\$ or US-6649129-\$ or US-6666907-\$ or US-6732567-\$ or US-6792794-\$ or US-6837096-\$ or US-6837118-\$ or US-6838640-\$).did. or (US-3429105-\$).did. or (WO-2004029602-\$ or WO-2004038400-\$ or WO-2004053477-\$).did. or (JP-01203970-\$ or JP-04093648-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/11/23 13:06
S10 4	19	S103 and separator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/23 15:31
S10 5	13	S103 and separator and (pre-concentrator concentrator pre?concentrator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/23 15:32

EAST Search History

S10 6	28	("3146616" "3557532" "3783356" "4043196" "4228815" "4478076" "4483200" "4507974" "4576050" "4735082" "4759210" "4909078" "4944035" "5031126" "5044766" "5056047" "5146414" "5243858" "5263380" "5268302" "5379630" "5463899" "5533412" "5587520" "5922974" "5985673").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/23 15:32
S10 7	2	("6393894").URPN.	USPAT	OR	ON	2005/11/23 15:35
S10 8	26	("4881410" "4966037" "5025346" "5377524" "5544276" "5583281" "5792943" "5796152" "5955932" "5989445" "5992769" "6068684" "6068780" "6091050" "6096656" "6109113" "6134944" "6184504" "6193501" "6270641" "6288371" "6386014" "6527835" "6527890" "6537437" "6612153").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/25 12:59
S10 9	222303	("73").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/25 12:59
S11 0	79	S109 and (microminature micro minature) with ("GC" gas adj chromatograph\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/25 13:02
S11 1	26	(microminature micro miniature) with ("GC" gas adj chromatograph\$4) and (separator column) and (concentrator pre-concentrator preconcentrator pre?concentrator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/25 13:23
S11 2	1	"6257835".pn.	USPAT	OR	ON	2005/11/25 13:23

EAST Search History

S11 3	47	(US-20040060346-\$ or US-20040129057-\$ or US-20040137637-\$ or US-20050042139-\$ or US-20040226884-\$).did. or (US-3589171-\$ or US-3925022-\$ or US-4472355-\$ or US-4778764-\$ or US-4805441-\$ or US-5092218-\$ or US-5168746-\$ or US-5196039-\$ or US-5205154-\$ or US-5268302-\$ or US-5300758-\$ or US-5310681-\$ or US-5313061-\$ or US-5435169-\$ or US-5551278-\$ or US-5552042-\$ or US-5585575-\$ or US-5808178-\$ or US-5970803-\$ or US-6068684-\$ or US-6131440-\$ or US-6155097-\$ or US-6217829-\$ or US-6311544-\$ or US-6386014-\$ or US-6393894-\$).did. or (US-6497138-\$ or US-6497844-\$ or US-6527835-\$ or US-6610977-\$ or US-6649129-\$ or US-6666907-\$ or US-6732567-\$ or US-6792794-\$ or US-6837096-\$ or US-6837118-\$ or US-6838640-\$).did. or (WO-2004029602-\$ or WO-2004038400-\$ or WO-2004053477-\$).did. or (JP-01203970-\$ or JP-04093648-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/25 13:46
S11 4	1922	(73/23.35-23.42).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/25 13:46
S11 5	14	S114 and pump near3 ((first and second) multiple plurality)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/25 13:46
S11 6	138	gas adj (chromatograph) and pump near3 ((first and second) multiple plurality) not (S113 S115)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/25 14:07
S11 7	0	gas adj (chromatograph) and (multi-stage multi-channel multi-path multiple adj (path channel stage)) near3 (concentrator pre-concentrator preconcentrator pre?concentrator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/25 14:09

EAST Search History

S11 8	0	gas adj (chromatograph chromatography) and (multi-stage multi-channel multi-path (multiple plurality) adj (path channel stage)) near3 (concentrator pre-concentrator preconcentrator pre?concentrator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/25 14:09
S11 9	7	(chromatograph chromatography) and (multi-stage multi-channel multi-path (multiple plurality) adj (path channel stage)) near3 (concentrator pre-concentrator preconcentrator pre?concentrator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/25 14:10
S12 0	17	("20030027022" "20030233862" "4194108" "4277742" "4472239" "4497685" "4500412" "4724356" "5464966" "5481110" "5493177" "5864144" "6171378" "6265222" "6527835" "6705152" "6762049").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/25 14:19
S12 1	7	US-6016027-\$.DID. OR US-6139384-\$.DID. OR US-6178811-\$.DID. OR US-6194833-\$.DID. OR US-6308553-\$.DID. OR US-6393894-\$.DID. OR US-6494617-\$.DID.	USPAT	OR	ON	2005/11/25 14:53
S12 2	5	US-4324566-\$.DID. OR US-5196039-\$.DID. OR US-5442175-\$.DID. OR US-6131440-\$.DID. OR US-6413781-\$.DID.	USPAT	OR	ON	2005/11/25 14:54
S12 3	26	("3146616" "3557532" "3783356" "4043196" "4228815" "4478076" "4483200" "4507974" "4576050" "4735082" "4759210" "4909078" "4944035" "5031126" "5044766" "5056047" "5146414" "5243858" "5263380" "5268302" "5379630" "5463899" "5533412" "5587520" "5922974" "5985673").PN.	USPAT	OR	ON	2005/11/25 14:54

EAST Search History

S12 4	7	US-6016027-\$.DID. OR US-6139384-\$.DID. OR US-6178811-\$.DID. OR US-6194833-\$.DID. OR US-6308553-\$.DID. OR US-6393894-\$.DID. OR US-6494617-\$.DID.	USPAT	OR	ON	2005/11/25 15:07
S12 5	5	US-4324566-\$.DID. OR US-5196039-\$.DID. OR US-5442175-\$.DID. OR US-6131440-\$.DID. OR US-6413781-\$.DID.	USPAT	OR	ON	2005/11/25 15:07
S12 6	26	("3146616" "3557532" "3783356" "4043196" "4228815" "4478076" "4483200" "4507974" "4576050" "4735082" "4759210" "4909078" "4944035" "5031126" "5044766" "5056047" "5146414" "5243858" "5263380" "5268302" "5379630" "5463899" "5533412" "5587520" "5922974" "5985673").PN.	USPAT	OR	ON	2005/11/25 15:07

EAST Search History

S12 7	55	(US-20040043479-\$ or US-20040060346-\$ or US-20040129057-\$ or US-20040137637-\$ or US-20040226884-\$ or US-20050042139-\$ or US-20050095722-\$ or US-20050226778-\$).did. or (US-3589171-\$ or US-3925022-\$ or US-4472355-\$ or US-4778764-\$ or US-4805441-\$ or US-5092218-\$ or US-5168746-\$ or US-5196039-\$ or US-5205154-\$ or US-5268302-\$ or US-5268303-\$ or US-5300758-\$ or US-5310681-\$ or US-5313061-\$ or US-5435169-\$ or US-5544276-\$ or US-5551278-\$ or US-5552042-\$ or US-5585575-\$ or US-5808178-\$ or US-5970803-\$ or US-6068684-\$ or US-6131440-\$ or US-6155097-\$ or US-6217829-\$ or US-6311544-\$).did. or (US-6386014-\$ or US-6393894-\$ or US-6497138-\$ or US-6497844-\$ or US-6527835-\$ or US-6610977-\$ or US-6649129-\$ or US-6666907-\$ or US-6732567-\$ or US-6792794-\$ or US-6837096-\$ or US-6837118-\$ or US-6838640-\$ or US-6914220-\$).did. or (US-3146616-\$ or US-3429105-\$). did. or (WO-2004029602-\$ or WO-2004038400-\$ or WO-2004053477-\$).did. or (JP-01203970-\$ or JP-04093648-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/11/25 15:07
S12 8	51	S127 not (S124 S125 S126)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/25 15:08
S12 9	4	S127 not S128	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/25 15:08
S13 0	25	((("73").CLAS.) and (laboratory near4 chip)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/27 13:19
S13 1	21	("5196039").URPN.	USPAT	OR	ON	2005/11/27 16:56

EAST Search History

S13 2	34	("2398818" "2416482" "3043127" "3057183" "3063286" "3150516" "3156548" "3225520" "3225521" "3236603" "3449938" "3782078" "3881892" "3920420" "3926589" "4019863" "4554436" "4719011" "4726822" "4774190" "4923486" "4935145" "5005399").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/27 16:57
S13 3	56	(US-20050226778-\$ or US-20050095722-\$ or US-20050042139-\$ or US-20040226884-\$ or US-20040137637-\$ or US-20040129057-\$ or US-20040060346-\$ or US-20040043479-\$).did. or (US-6914220-\$ or US-6838640-\$ or US-6837118-\$ or US-6837096-\$ or US-6792794-\$ or US-6732567-\$ or US-6666907-\$ or US-6649129-\$ or US-6610977-\$ or US-6527835-\$ or US-6497844-\$ or US-6497138-\$ or US-6393894-\$ or US-6386014-\$ or US-6311544-\$ or US-6217829-\$ or US-6155097-\$ or US-6131440-\$ or US-6068684-\$ or US-5970803-\$ or US-5808178-\$ or US-5585575-\$ or US-5552042-\$ or US-5551278-\$ or US-5544276-\$ or US-5435169-\$).did. or (US-5313061-\$ or US-5310681-\$ or US-5300758-\$ or US-5268303-\$ or US-5268302-\$ or US-5205154-\$ or US-5196039-\$ or US-5092218-\$ or US-5168746-\$ or US-4805441-\$ or US-4778764-\$ or US-4472355-\$ or US-3925022-\$ or US-3589171-\$ or US-4923486-\$).did. or (US-3429105-\$ or US-3146616-\$). did. or (WO-2004053477-\$ or WO-2004038400-\$ or WO-2004029602-\$).did. or (JP-04093648-\$ or JP-01203970-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/11/27 17:16
S13 4	58	(S131 S132 S133) and ("pumps" (multiple second plurality) near2 pump)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/27 17:17

EAST Search History

S13 5	14	(S131 S132 S133) and ((mulitple second plurality) near2 pump)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/27 20:16
S13 6	26	(S131 S132 S133) and concentrator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/27 20:16
S13 7	28	("3146616" "3557532" "3783356" "4043196" "4228815" "4478076" "4483200" "4507974" "4576050" "4735082" "4759210" "4909078" "4944035" "5031126" "5044766" "5056047" "5146414" "5243858" "5263380" "5268302" "5379630" "5463899" "5533412" "5587520" "5922974" "5985673").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/27 20:18
S13 8	48	("3053077" "3062039" "3139745" "3148532" "3198001" "3366149" "3537585" "3581573" "3592046" "3668834" "4181613" "4204423" "4269608" "4650964" "4726822" "4728776" "4771628" "4805441" "4948389" "5005399" "5014541" "5024952" "5028243" "5047073" "5048322" "5096471" "5098451" "5099743" "5108705" "5114439" "5135549" "5141532" "5152176" "5215556" "5224972" "5268302" "5300758" "5310681" "5437179" "5589630" "5611846").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/27 20:51
S13 9	37	Bonne.in. and analyzer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 10:55

EAST Search History

S14 0	58	(US-20040043479-\$ or US-20050226778-\$ or US-20050095722-\$ or US-20050042139-\$ or US-20040226884-\$ or US-20040137637-\$ or US-20040129057-\$ or US-20040060346-\$ or US-20040259265-\$).did. or (US-4778764-\$ or US-5808178-\$ or US-6837096-\$ or US-5168746-\$ or US-6497844-\$ or US-5630943-\$ or US-6217829-\$ or US-6386014-\$ or US-5310681-\$ or US-6837118-\$ or US-6838640-\$ or US-5544276-\$ or US-4923486-\$ or US-6792794-\$ or US-6914220-\$ or US-6311544-\$ or US-5300758-\$ or US-6393894-\$ or US-3589171-\$ or US-6649129-\$ or US-5268303-\$ or US-5585575-\$ or US-4472355-\$ or US-5196039-\$ or US-5205154-\$ or US-5268302-\$).did. or (US-6155097-\$ or US-6131440-\$ or US-6497138-\$ or US-6527835-\$ or US-5313061-\$ or US-5551278-\$ or US-5552042-\$ or US-6610977-\$ or US-5435169-\$ or US-6068684-\$ or US-5970803-\$ or US-4805441-\$ or US-6666907-\$ or US-6732567-\$ or US-5092218-\$ or US-3925022-\$).did. or (US-3429105-\$ or US-3146616-\$). did. or (WO-2004053477-\$ or WO-2004029602-\$ or WO-2004038400-\$).did. or (JP-01203970-\$ or JP-04093648-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/14 11:06
S14 1	0	((("73").CLAS.) and (gas fluid) with (detection analysis analyzer) and concentrator same ((solid?state solid adj state) and (thin?film thin adj film) with (heater absorber adsorber) with (channel tunnel pathway path)) and (separator column chromatograph)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 11:14

EAST Search History

S14 2	3	(gas fluid) with (detection analysis analyzer) and concentrator same ((solid?state solid adj state) and (thin?film thin adj film) with (heater absorber adsorber) with (channel tunnel pathway path)) and (separator column chromatograph)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 11:11
S14 3	87	((("73").CLAS.) and (gas fluid) with (detection analysis analyzer) and (first and second) with (channel pathway path tunnel passage route tube accessway) same (heater heat\$3 near3 element) and pressure	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 11:21
S14 4	22	((("73").CLAS.) and (gas fluid) with (detection analysis analyzer) and (first and second) with (channel pathway path tunnel passage route tube accessway) same (heater heat\$3 near3 element) and (high great) near3 pressure	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/17 08:31
S14 5	113	(gas fluid) with (detection analysis analyzer) and (first and second) with (channel pathway path tunnel passage route tube accessway) same (heater heat\$3 near3 element) and (high great) near3 pressure not ((S143 S144 S139 S140) partial adj pressure)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 11:53

EAST Search History

S14 6	61	(US-20040043479-\$ or US-20050226778-\$ or US-20050095722-\$ or US-20050042139-\$ or US-20040226884-\$ or US-20040137637-\$ or US-20040129057-\$ or US-20040060346-\$ or US-20040259265-\$ or US-20040139784-\$ or US-20030226604-\$).did. or (US-4778764-\$ or US-5808178-\$ or US-6837096-\$ or US-5168746-\$ or US-6497844-\$ or US-5630943-\$ or US-6217829-\$ or US-6386014-\$ or US-5310681-\$ or US-6837118-\$ or US-6838640-\$ or US-5544276-\$ or US-4923486-\$ or US-6792794-\$ or US-6914220-\$ or US-6311544-\$ or US-5300758-\$ or US-6393894-\$ or US-3589171-\$ or US-6649129-\$ or US-5268303-\$ or US-5585575-\$ or US-4472355-\$ or US-5196039-\$ or US-5205154-\$ or US-5268302-\$).did. or (US-6155097-\$ or US-6131440-\$ or US-6497138-\$ or US-6527835-\$ or US-5313061-\$ or US-5551278-\$ or US-5552042-\$ or US-6610977-\$ or US-5435169-\$ or US-6068684-\$ or US-5970803-\$ or US-4805441-\$ or US-6666907-\$ or US-6732567-\$ or US-5092218-\$ or US-3925022-\$ or US-7000452-\$).did. or (US-3429105-\$ or US-3146616-\$). did. or (WO-2004053477-\$ or WO-2004029602-\$ or WO-2004038400-\$).did. or (JP-01203970-\$ or JP-04093648-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/14 11:57
S14 7	0	("7000452").URPN.	USPAT	OR	ON	2006/04/14 11:58

EAST Search History

S14 8	63	("3146616" "3557532" "3589171" "3783356" "3925022" "4043196" "4228815" "4324566" "4472355" "4478076" "4483200" "4507974" "4576050" "4735082" "4759210" "4805441" "4909078" "4944035" "5031126" "5044766" "5056047" "5135549" "5146414" "5168746" "5196039" "5205154" "5243858" "5263380" "5268302" "5300758" "5313061" "5379630" "5442175" "5463899" "5533412" "5585575" "5587520" "5808178" "5922974" "5970803" "6016027" "6131440" "6139384" "6155097" "6169965" "6178811" "6194833" "6217829" "6308553" "6311544" "6386014" "6393894" "6413781" "6494617" "6497138" "6497844" "6527835" "6649129" "6666907" "6732567" "6837096").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 12:01
S14 9	13	S148 and (high great increased) near3 pressure	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/17 07:04